889. Analysis of Hormone Action
Spring, 4(4-0) ZOL 317, or approval of department. Interdepartmental with and administered by the Department of Zoology.

885. Advanced Neurobiology
Spring, 3(3-0) ZBY 625. Interdepartmental with the departments of Biophysics, Biomechanics, Psychology and Zoology and administered by the Department of Biomechanics. Basic organization, structure and function of neural networks comprising sensory, motor, and autonomic systems including examples from invertebrates and vertebrates.

870. Research Problems and Techniques in Pathologic Physiology
Fall, 4(3-0) 501, 502, 503.

886. Vertebrate Neural Systems I
Fall of odd-numbered years. 5(3-4) Approval of department; ANT 615 and ZOL 855 recommended. Interdepartmental with the departments of Zoology, Biophysics and Psychology and administered by the Department of Psychology. Structure and function of major component systems of vertebrate brains, their evolution, ontogeny and comparative analysis in mammals, birds, reptiles, amphibians and fish. Interrelation of behavioral, anatomical and physiological studies.

887. Vertebrate Neural Systems II
Winter of even-numbered years. 5(3-4) PSY 685. Interdepartmental with the department of Psychology, Biophysics and Zoology and administered by the Department of Zoology. Continuation of 885. Major component systems of vertebrate brains, their evolution, ontogeny, and comparative analysis in mammals, birds, reptiles, amphibians and fish. Interrelation of behavioral, anatomical, and physiological studies.

899. Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

910. Seminar
Fall, Winter, Spring, 1(1-0) May re-enroll for a maximum of 2 credits for the Master's program and a maximum of 4 additional credits for either the Ph.D. or the diploma program.

915. Respiratory Physiology
Fall, 4(3-2) 801, approval of department. Development of ideas leading to our present state of knowledge in respiration.

919. Cardiovascular System
Fall, 4(3-3) 802. Outstanding literature on physiology of heart, blood vessels and lymphatics, hemodynamics, cardiac output and circulation in special regions. Appropriate methodology discussed. Laboratory work illustrates principles of special procedures.

945. Physiology of Mammalian Reproduction
Winter. 4(3-0) DEX or PSL 445 or approval of department. Interdepartmental with and administered by the Department of Dairy Sciences. Chemistry and biosynthesis of reproductive hormones. Gonadal, hypothalamic and pituitary development of reproductive potential. Ovulation, fertilization, implantation and placental interaction will be studied. Relationships of conceptus, uterine and corpus luteum. Parity.

950. Topics in Physiology
Fall, Winter, Spring, Summer. 1 to 3 credits. May re-enroll for a maximum of 9 credits. Approval of department.

955. Problems
Fall, Winter, Spring, Summer. 1 to 3 credits. May re-enroll for a maximum of 9 credits. Approval of department.

999. Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

POLITICAL SCIENCE

PLS College of Social Science

100. American National Government
Fall, Winter, Spring, Summer. 4(3-0)

140. Comparative Politics
Fall, Winter, Spring. 4(3-0)

150. International Relations
Fall, Winter, Spring, Summer. 4(3-0)

170. The Imsa
Fall, Winter, Spring, Summer. 4(3-0)

200. Introduction to Political Science
Fall, Winter, Summer. 4(3-0)

201. Introduction to Latin American III
For course description, see Interdisciplinary Courses.

202. The Politics of Ecology
For course description, see Interdisciplinary Courses.

251. Human Values and Politics I: On Liberty
Fall. 4(4-0)

255. Human Values and Politics II: Equality and Justice
Winter, 4(4-0)

260. Methods of Political Research
Fall, Winter, Spring. 4(3-0)

265. Advanced Seminar
Fall, Winter, Spring. 4(3-0)

270. Michigan Government
Spring. 4(3-0)

281. American Urban Government
Fall, Winter, Spring, Summer. 4(3-0)

290. Methods of Political Research
Fall, Winter, Spring. 4(3-0)

295. Michigan Government
Spring. 4(3-0)

299. Research
Fall, Winter, Spring, Summer. Variable credit.